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Wortzman G. See Noyek AM, Chapnik JS, Wortzman G, Kandel R.

Wurtele P. *Acute epiglottitis: Historical highlights and perspectives for future research*. Volume 21, Supplement Number 2, April 1992.

Yazicioglu E. See Unal OF, Hepgul KT, Turantan MI, Bozboga M, Yazicioglu E.

Yoo J. See Sendi K, Crysdale WS, Yoo J.

Youngs R. See Newman D, Youngs R.

Yuceturk AV. See Candan S, Yuceturk AV, Muhtar H.

Zappia JJ, Bradford CR, Winter PH, McClatchey KD. *Olfactory neuroblastoma associated with Kallman's syndrome*. 21:1, 16.